

# A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

## Department of Highways Professional Services Procurement Bulletin 2016-01 Bullitt / I-65 / 5-527 & 5-391.3

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

### **I. PROJECT DESCRIPTION**

County - Bullitt  
Route - I-65  
Item No. - 05-0527.00  
Project Description - Construction of a new interchange on I-65 near MP 114.4 with connections to KY 61 on the west side of I-65 and to the proposed Business Park Road on the east side of I-65 that is being constructed by a major developer.

County – Bullitt  
Route – I-65/KY 480 Interchange  
Item No. – 05-0391.30  
Project Description - Improvements to the I-65/KY 480 Interchange including a new loop ramp from SB I-65 and dual left-turn lanes on KY 480 serving the SB I-65 on-ramp.

### **II. PROJECT INFORMATION**

Project Manager - Chuck Berger, P.E.  
User Division - Highway Design  
Approximate Fee - 05-0527.00 \$ 800,000 Preliminary Engineering (Lump Sum)  
05-0391.30 \$ 200,000 Preliminary Engineering (Lump Sum)  
Project Funding - Federal/State/Local Funds  
Project Length - Approximately 3.2 miles

### **III. PURPOSE AND NEED**

The general purpose of the project is to increase access and/or mobility and provide congestion relief to the existing I-65 / KY 480 interchange. The Cedar Grove Business Park is expanding with a new development in the Southeast quadrant of the existing interchange that will exacerbate the issues in the existing interchange. A planning study demonstrated a combination of reconstructing the existing interchange with a loop ramp from southbound I-65 to KY 480 and the construction of a new interchange on I-65 approximately 1.25 miles south of Exit 116 with an access road that ties into this development will provide the accessibility, mobility and the congestion relief needed to serve this growing area.

#### **IV. DBE REQUIREMENT**

The consultant team shall include a DBE Participation Plan with their Response to Announcement. An additional page will be allowed with the Project Approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

#### **V. SCOPE OF WORK**

The Selected Consultant will be required to provide engineering services to:

- Finalize the preferred alternative (Preliminary Line and Grade Inspection) including cost estimates and Preliminary Line and Grade Report for improvements to the existing KY 480/I-65 interchange.
- Prepare preliminary plans for new I-65 interchange at MP 114.4 including approach road connecting new interchange to KY 61 to the west and to Business Park Road to the East.
- Prepare preliminary plans for new Loop Ramp for I-65 SB off-ramp to KY 480.
- Conduct public involvement activities.
- Prepare an Interstate Modification Report (IMR) for the new Loop Ramp at Exit 116 (KY 480), and prepare an Interchange Justification Study (IJS) for the proposed new interchange at I-65 MP 114.4 that considers the KY 480 loop ramp and all other improvements to the KY 480 interchange as a given. These should be analyzed as a single system and may be combined into one document. The document should show that the proposed changes in access are compliant with FHWA's interstate access policy. Any necessary improvement to the mainline interstate should also be included.
- Conduct environmental analysis and complete the NEPA process.

This Project may be advanced to Final Roadway Design or development of a design-build RFP with design oversight by Contract Modification should the General Assembly provide additional funding and/or direct the Department to utilize a design/build procurement method. The Department reserves the right to advance the entire corridor to Final Roadway Design or break it into priority sections for Final Roadway Design. The Department also reserves the right to advertise the entire project or parts thereof for Final Roadway Design.

#### **VI. SPECIAL INSTRUCTIONS**

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

#### **VII. AVAILABLE STUDIES**

[I-65 Abbreviated Feasibility Study from Exit 112 \(KY 245\) to Exit 116 \(KY 480\) – Bullitt County](#)

#### **VIII. METHOD OF DESIGN**

The Selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy

in the development of the highway plans.

#### **IX. ENVIRONMENTAL**

Any necessary Environmental Services will be provided by the Selected Consultant. It is anticipated that the Environmental Document will be a Categorical Exclusion Level 3.

#### **X. PHOTOGRAMMETRIC SERVICES**

Photogrammetry is not required; the Selected Consultant will provide field surveying for this project to update the data as required. The Department will provide LiDAR data, if available.

#### **XI. STRUCTURE DESIGN**

Structure Design is not anticipated for Preliminary Engineering. The Selected Consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the Department for the appropriate applicable structure(s). The Selected Consultant will be responsible for any necessary structure design, which may be added by Contract Modification after Preliminary Engineering. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

#### **XII. GEOTECHNICAL SERVICES**

The Selected Consultant will provide all Geotechnical Services required for the project. Prequalification in the area of Geotechnical Services is required to be identified in the Consultant's Response to Announcement.

#### **XIII. TRAFFIC**

The Traffic projections and related information will be provided by the Selected Consultant. Prequalification in the area of Traffic Engineering is required to be identified in the Consultant's Response to Announcement.

#### **XIV. RIGHT OF WAY**

The Department will be responsible for estimating Right-of-Way costs based on plans provided by the Selected Consultant. The Selected Consultant shall identify property owners and perform deed research within the project limits. Property owner information shall be shown on the plans along with existing Right-of-Way and property lines. Preliminary Right-of-Way limits shall be developed showing all areas of taking with tabulated areas for Proposed Right-of-Way and all temporary and permanent easements.

#### **XV. UTILITIES**

The Selected Consultant will provide the majority of utility coordination.

The Selected Consultant will send project location maps to all potential Bullitt County utility contacts to determine whether they may have existing utilities within these project limits. Facility atlas maps received for this project will be provided to the Selected Consultant. Sizes and types of underground and aerial utilities shall be identified for each alignment alternative in the PL&G submittal and in the Right-of-Way and Drainage Inspection submittals. If this project advances

to Final Design, all utilities including aerial carriers shall be field-verified by the Consultant. Sizes and types of underground and aerial utilities shall be identified on the plans. Plans shall be provided by the Consultant in both .pdf and .dgn formats. These will be distributed by the Consultant to utility representatives for review and comment.

The Selected Consultant will provide Subsurface Utility Engineering (SUE) work to field-locate utilities as needed. Horizontal and vertical location of existing utilities shown on Final Roadway Design plans shall be adjusted by the consultant as necessary to reflect actual SUE results.

The Department will be responsible for estimating utility costs based on plans provided by the Selected Consultant. The Department will develop the utility contact list. The Department will also prepare and administrate all agreements with the Utility Companies.

## **XVI. PREQUALIFICATION REQUIREMENTS**

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

### **ROADWAY DESIGN**

- Rural Roadway Design
- Urban Roadway Design
- Surveying
- Advanced Traffic Engineering Design & Modeling

### **STRUCTURE DESIGN**

- Structure Design Spans Under 500'

### **GEOTECHNICAL SERVICES**

- Laboratory Testing Services
- Drilling Services
- Engineering Services

### **ENVIRONMENTAL AND UST SERVICES**

- Hazmat Preliminary Site Assessment (Phase I)
- Hazmat Site Recon/Sampling (Phase II)
- Hazmat Laboratory Services
- Hazmat Remediation Services
- UST Preliminary Site Assessment
- UST Leak Detection/Monitoring
- UST Tank Removal/Disposal
- UST Site Remediation Services

### **ENVIRONMENTAL AQUATIC TERRESTRIAL ECOSYSTEM ANALYSIS**

- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

## ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural-Historic Analysis
- EIS Writing and Coordination
- Stream Mitigation

## TRAFFIC ENGINEERING

- Traffic Engineering Services
- Electrical Engineering Traffic Signal Services
- Electrical Engineering Roadway Lighting Services

## TRANSPORTATION PLANNING / CORRIDOR PLANNING

- ~~Transportation Corridor and Systems Planning (not required)~~
- Traffic Data Collection
- Travel Demand and Simulation Modelling
- Traffic Forecast
- Pedestrian and Bicycle Facility Planning and Design

### **XVII. PROCUREMENT SCHEDULE**

- Bulletin Posted - July 14, 2015
- Response Date - August 5, 2015 by 4:30 PM ET (Frankfort Time)
- First Selection - August 10, 2015
- Final Selection - August 25, 2015
- Pre-Design Conference - September 2, 2015
- Fee Proposal - September 11, 2015
- Contract Negotiations – September 23, 2015
- Notice to Proceed - October 22, 2015

### **XVIII. PROJECT SCHEDULE**

Submit IJS, IMR and CE3 – June 2016  
Preliminary Line & Grade Inspection – August 2016  
Submit DES – September 2016  
Preliminary Right-of-Way & Utility Plans – November 2016

### **XIX. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (20 Points)

3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
5. DBE Participation Plan. (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

**XX. SELECTION COMMITTEE MEMBERS**

1. Chuck Berger, PE, User Division
2. Jill Asher, PE, User Division
3. Travis Thompson, PE, Secretary's Pool
4. Ron Matar, PE, Secretary's Pool
5. Joe Walker, Governor's Pool

**XXI. AREA MAP**

